

FILE 'HOME' ENTERED AT 11:55:00 ON 27 FEB 2008

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.68	1.68

SESSION WILL BE HELD FOR 120 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 11:59:40 ON 27 FEB 2008

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTACEH1615

PASSWORD:

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *
SESSION RESUMED IN FILE 'HOME' AT 12:14:05 ON 27 FEB 2008
FILE 'HOME' ENTERED AT 12:14:05 ON 27 FEB 2008

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.68	1.68

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.68	1.68

FILE 'REGISTRY' ENTERED AT 12:14:15 ON 27 FEB 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 26 FEB 2008 HIGHEST RN 1005451-11-5
DICTIONARY FILE UPDATES: 26 FEB 2008 HIGHEST RN 1005451-11-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=> e methacryoxyethyl phosphate

E1	6	METHACRYOXY/BI
E2	3	METHACRYOXYETHYL/BI
E3	0 -->	METHACRYOXYETHYL PHOSPHATE/BI
E4	2	METHACRYOXYETHYLPHENYL/BI
E5	3	METHACRYOXYPROPYL/BI
E6	2	METHACRYOXYPROPYLTRI/BI
E7	1	METHACRYOXYPROPYLTRIETH/BI
E8	1	METHACRYOXYPROPYLTRIETHOXY/BI
E9	1	METHACRYOXYPROPYLTRIETHOXYSILANE/BI
E10	1	METHACRYOXYPROPYLTRIMETH/BI
E11	1	METHACRYOXYPROPYLTRIMETHOXY/BI
E12	1	METHACRYOXYPROPYLTRIMETHOXYSILANE/BI

=> e methacryloxyethyl phosphate

E1	4	METHACRYLOXYETHOXYPROPYLTRIS/BI
E2	326	METHACRYLOXYETHYL/BI
E3	0 -->	METHACRYLOXYETHYL PHOSPHATE/BI
E4	2	METHACRYLOXYETHYLAMMON/BI
E5	2	METHACRYLOXYETHYLAMMONIUM/BI
E6	1	METHACRYLOXYETHYLCARBO/BI
E7	1	METHACRYLOXYETHYLCARBOMETH/BI
E8	1	METHACRYLOXYETHYLCARBOMETHOXY/BI
E9	1	METHACRYLOXYETHYLCARBOMETHOXYMETHYL/BI
E10	1	METHACRYLOXYETHYLCARBOMETHOXYMETHYLDI/BI
E11	1	METHACRYLOXYETHYLCARBOMETHOXYMETHYLDIMETHYL/BI
E12	1	METHACRYLOXYETHYLCARBOMETHOXYMETHYLDIMETHYLAMMON/BI

=> e methacryloxyethylphosphate

E1	1	METHACRYLOXYETHYLMONOTETRABROMOPHTHALATE/BI
E2	52	METHACRYLOXYETHYLPHENYL/BI
E3	0 -->	METHACRYLOXYETHYLPHOSPHATE/BI
E4	1	METHACRYLOXYETHYLPROPARG/BI
E5	1	METHACRYLOXYETHYLPROPARGYL/BI
E6	1	METHACRYLOXYETHYLPROPARGYLDI/BI
E7	1	METHACRYLOXYETHYLPROPARGYLDIMETHYL/BI
E8	1	METHACRYLOXYETHYLPROPARGYLDIMETHYLAMMON/BI
E9	1	METHACRYLOXYETHYLPROPARGYLDIMETHYLAMMONIUM/BI
E10	1	METHACRYLOXYETHYLSULFONIC/BI
E11	43	METHACRYLOXYETHYLTRI/BI
E12	6	METHACRYLOXYETHYLTRIMELLITIC/BI

=> e methacryloxyethylphosphate/cn

E1	1	METHACRYLOXYETHYLHYDROGEN BUTYLSULFOSUCCINATE/CN
E2	1	METHACRYLOXYETHYLMONOTETRABROMOPHTHALATE/CN
E3	0 -->	METHACRYLOXYETHYLPHOSPHATE/CN
E4	1	METHACRYLOXYETHYLTRIMETHOXYSILANE-TRIALLYL CYANURATE COPOLYMER/CN
E5	1	METHACRYLOXYETHYLTRIMETHYL AMMONIUM CHLORIDE-METHYL METHACRYLATE COPOLYMER/CN
E6	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM BROMIDE HOMOPOLYMER/CN
E7	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE HOMOPOLYMER/CN
E8	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-POLYETHYLENE GLYCOL MONOMETHYL ETHER METHACRYLATE COPOLYMER/CN
E9	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-POLYETHYLENE GLYCOL MONOMETHYL ETHER MONOMETHACRYLATE COPOLYMER/CN
E10	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM METHYLSULFATE/CN
E11	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM METHYLSULFATE POLYMER/CN
E12	1	METHACRYLOXYISOPROPYL ACID SULFOPHTHALATE/CN

=> e methacryloxyethyl phosphate/cn

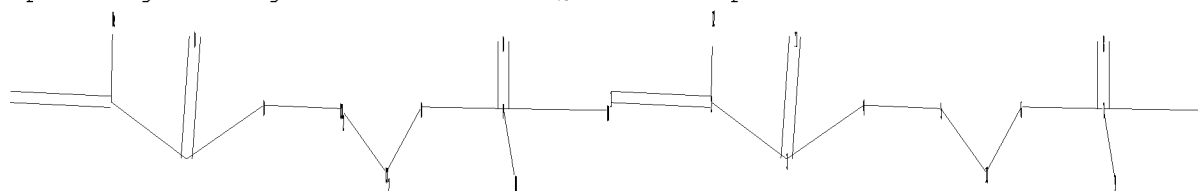
E1	1	METHACRYLOXYDIMETHYLSILANE/CN
E2	1	METHACRYLOXYETHYL HYDROGEN SULFOMETHYLSUCCINATE/CN
E3	0 -->	METHACRYLOXYETHYL PHOSPHATE/CN
E4	1	METHACRYLOXYETHYL PHTHALATE/CN
E5	1	METHACRYLOXYETHYLDIMETHYLOCTYLAMMONIUM BROMIDE-POLYETHYLENE GLYCOL ETHER METHACRYLATE-TETRAETHYLENE GLYCOL DIMETHA CRYLATE COPOLYMER/CN
E6	1	METHACRYLOXYETHYLHYDROGEN BUTYLSULFOSUCCINATE/CN
E7	1	METHACRYLOXYETHYLMONOTETRABROMOPHTHALATE/CN
E8	1	METHACRYLOXYETHYLTRIMETHOXYSILANE-TRIALLYL CYANURATE COPOLYM ER/CN
E9	1	METHACRYLOXYETHYLTRIMETHYL AMMONIUM CHLORIDE-METHYL METHACRY LATE COPOLYMER/CN
E10	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM BROMIDE HOMOPOLYMER/CN
E11	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE HOMOPOLYMER/CN
E12	1	METHACRYLOXYETHYLTRIMETHYLAMMONIUM CHLORIDE-POLYETHYLENE GLY COL MONOMETHYL ETHER METHACRYLATE COPOLYMER/CN

=> e 2-(phosphonooxy)ethyl methacrylate/cn

E1	1	2-(PHOSPHONOMETHYL)PENTANEDIOIC ACID/CN
E2	1	2-(PHOSPHONOOXY)BENZOIC ACID/CN
E3	0 -->	2-(PHOSPHONOOXY)ETHYL METHACRYLATE/CN
E4	1	2-(PHOSPHONOTHIO)ETHYL TRICHLOROACETATE/CN
E5	1	2-(PHOSPHORANYLIDENE)ACETAMIDE/CN
E6	1	2-(PHTHALIMIDO)ISOBUTYRYL CHLORIDE/CN
E7	1	2-(PHTHALIMIDO-METHYL)BENZALDEHYDE/CN
E8	1	2-(PHTHALIMIDOACETAMIDO)-5-CHLOROBENZOPHENONE/CN
E9	1	2-(PHTHALIMIDOCARBONYLAMINO)-4-(3-(1,1,11-TRIHYDROPERFLUOROU NDECYL)UREIDO)TOLUENE/CN
E10	1	2-(PHTHALIMIDOETHYL)PHOSPHONIC ACID/CN
E11	1	2-(PHTHALIMIDOMETHYL)-1,3-BUTADIENE/CN
E12	1	2-(PHTHALIMIDOMETHYL)-1-(DIPHENYLMETHOXY)-5-(P-METHOXYBENZYL OXY)-4-PYRIDONE/CN

=>

Uploading C:\Program Files\STNEXP\Queries\moep.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

chain bonds :

1-2 2-12 2-3 3-4 3-11 4-5 5-13 6-13 6-7 7-8 7-10 7-9

exact/norm bonds :

3-4 3-11 6-7

exact bonds :

1-2 2-12 2-3 4-5 5-13 6-13

normalized bonds :

7-8 7-10 7-9

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS

L1 STRUCTURE UPLOADED

=> s l1 fam sam

SAMPLE SEARCH INITIATED 12:32:38 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 152 TO ITERATE

100.0% PROCESSED 152 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2301 TO 3779

PROJECTED ANSWERS: 1606 TO 2874

L2 50 SEA FAM SAM L1

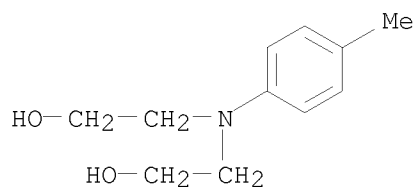
=> d scan

L2 50 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN

IN 11,14-Dioxa-2,9-diazaheptadec-16-enoic acid, 4,4,6,16-tetramethyl-10,15-dioxo-, 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl ester, polymer with 1,2-ethanediylbis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate), 2-hydroxyethyl 2-methyl-2-propenoate, 3-hydroxypropyl 2-methyl-2-propenoate, phosphinicobis(oxy-2,1-ethanediyl) bis(2-methyl-2-propenoate) and 2-(phosphonooxy)ethyl 2-methyl-2-propenoate, compd. with 2,2'-[(4-methylphenyl)imino]bis[ethanol] (9CI)

MF (C23 H38 N2 O8 . C14 H22 O6 . C12 H19 O8 P . C7 H12 O3 . C6 H11 O6 P . C6 H10 O3)x . x C11 H17 N O2

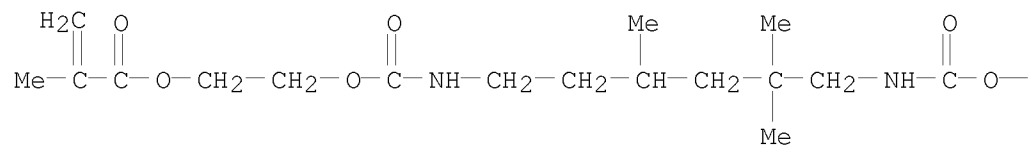
CM 1



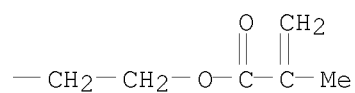
CM 2

CM 3

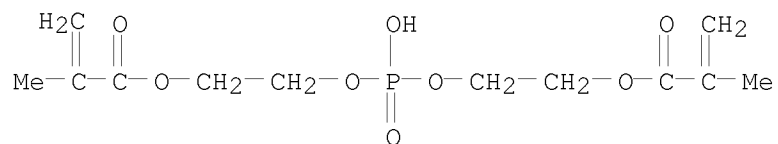
PAGE 1-A



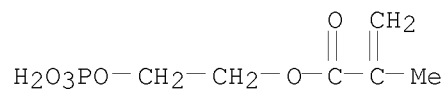
PAGE 1-B



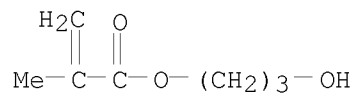
CM 4



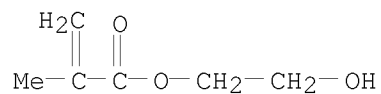
CM 5



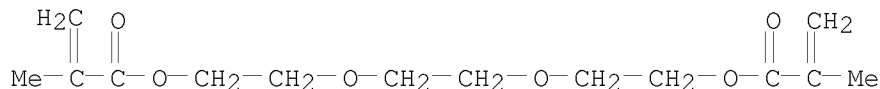
CM 6



CM 7



CM 8



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 fam full
FULL SEARCH INITIATED 12:34:24 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3125 TO ITERATE

100.0% PROCESSED 3125 ITERATIONS 2274 ANSWERS
SEARCH TIME: 00.00.01

L3 2274 SEA FAM FUL L1

=> s l3 and (py<2004 or ay<2004 or pry<2004)
'2004' NOT A VALID FIELD CODE
'2004' NOT A VALID FIELD CODE
'2004' NOT A VALID FIELD CODE
0 PY<2004
0 AY<2004
0 PRY<2004
L4 0 L3 AND (PY<2004 OR AY<2004 OR PRY<2004)

=> s l1 fam sam
SAMPLE SEARCH INITIATED 12:36:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 152 TO ITERATE

100.0% PROCESSED 152 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2301 TO 3779
PROJECTED ANSWERS: 1606 TO 2874

L5 50 SEA FAM SAM L1

=> d l2 hit

L2 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN

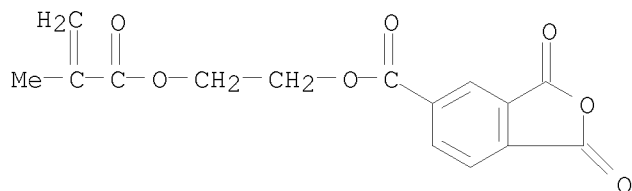
=> d l2

L2 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 1001325-95-6 REGISTRY
ED Entered STN: 01 Feb 2008
CN 5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo-,
2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester, polymer with

1,1'-(2-hydroxy-1,3-propanediyl) bis(2-methyl-2-propenoate) and
 2-(phosphonoxy)ethyl 2-methyl-2-propenoate (CA INDEX NAME)
 MF (C15 H12 O7 . C11 H16 O5 . C6 H11 O6 P)x
 CI PMS
 PCT Polyacrylic
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

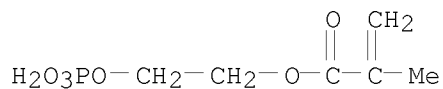
CM 1

CRN 70293-55-9
 CMF C15 H12 O7



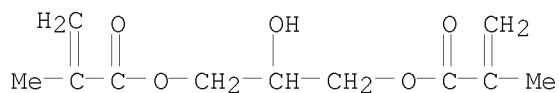
CM 2

CRN 24599-21-1
 CMF C6 H11 O6 P



CM 3

CRN 1830-78-0
 CMF C11 H16 O5



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 12 2-10

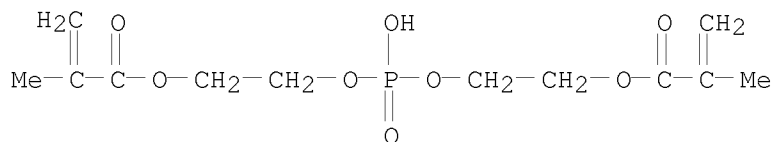
L2 ANSWER 2 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 958874-04-9 REGISTRY
 ED Entered STN: 19 Dec 2007

CN Butanoic acid, 3-oxo-, 2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl ester,
polymer with 2-hydroxyethyl 2-methyl-2-propenoate, 1,1'-
[phosphinicobis(oxy-2,1-ethanediyl)] bis(2-methyl-2-propenoate) and
2-(phosphonooxy)ethyl 2-methyl-2-propenoate (CA INDEX NAME)
MF (C12 H19 O8 P . C10 H14 O5 . C6 H11 O6 P . C6 H10 O3)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 32435-46-4

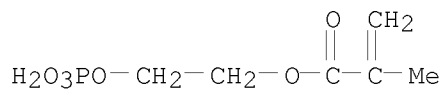
CMF C12 H19 O8 P



CM 2

CRN 24599-21-1

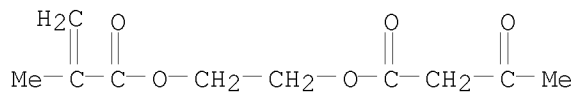
CMF C6 H11 O6 P



CM 3

CRN 21282-97-3

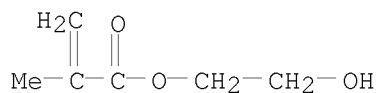
CMF C10 H14 O5



CM 4

CRN 868-77-9

CMF C6 H10 O3

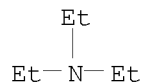


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 3 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 957143-06-5 REGISTRY
ED Entered STN: 07 Dec 2007
CN 2-Propenoic acid, 2-methyl-, 2-[(1,2-dioxopropyl)methylamino]ethyl ester, polymer with butyl 2-propenoate, ethenylbenzene, 2-ethylhexyl 2-propenoate, methyl 2-methyl-2-propenoate, N,N'-1,8-octanediylbis[hydrazinecarboxamide] and 2-(phosphonoxy)ethyl 2-methyl-2-propenoate, compd. with N,N-diethylethanamine (CA INDEX NAME)
MF (C11 H20 O2 . C10 H24 N6 O2 . C10 H15 N O4 . C8 H8 . C7 H12 O2 . C6 H11 O6 P . C5 H8 O2)x . x C6 H15 N
PCT Polyacrylic, Polyether, Polystyrene
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

CRN 121-44-8
CMF C6 H15 N

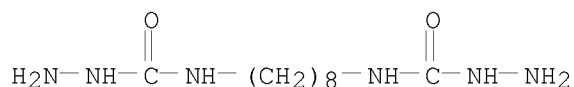


CM 2

CRN 957143-05-4
CMF (C11 H20 O2 . C10 H24 N6 O2 . C10 H15 N O4 . C8 H8 . C7 H12 O2 . C6 H11 O6 P . C5 H8 O2)x
CCI PMS

CM 3

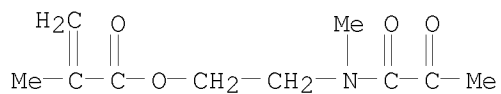
CRN 957143-01-0
CMF C10 H24 N6 O2



CM 4

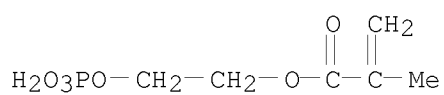
CRN 881910-54-9

CMF C10 H15 N O4



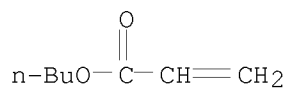
CM 5

CRN 24599-21-1
CMF C6 H11 O6 P



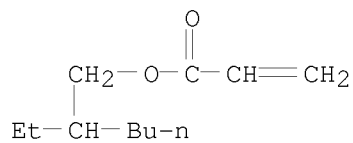
CM 6

CRN 141-32-2
CMF C7 H12 O2



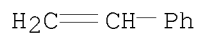
CM 7

CRN 103-11-7
CMF C11 H20 O2



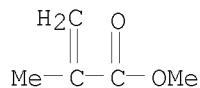
CM 8

CRN 100-42-5
CMF C8 H8



CM 9

CRN 80-62-6
CMF C5 H8 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 952137-12-1 REGISTRY
ED Entered STN: 31 Oct 2007
CN 2-Propenoic acid, 2-methyl-, butyl ester, polymer with butyl 2-propenoate,
2-(dimethylamino)ethanol compd. with 2-(phosphonoxy)ethyl
2-methyl-2-propenoate (2:1), ethenylbenzene and Latemul PD 104 (CA INDEX
NAME)
OTHER NAMES:
CN Butyl acrylate-butyl methacrylate-Latemul PD 104-2-phosphoxyethyl
methacrylate 2-(N,N-dimethylamino)ethanol salt (1:2)-styrene copolymer
MF (C8 H14 O2 . C8 H8 . C7 H12 O2 . C6 H11 O6 P . 2 C4 H11 N O .
Unspecified)x
CI PMS
PCT Manual component, Polyacrylic, Polyother, Polystyrene
SR CA
LC STN Files: CA, CAPLUS

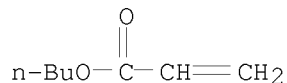
CM 1

CRN 577974-49-3
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

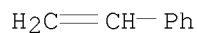
CM 2

CRN 141-32-2
CMF C7 H12 O2



CM 3

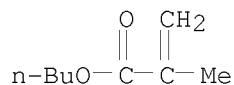
CRN 100-42-5
CMF C8 H8



CM 4

CRN 97-88-1

CMF C8 H14 O2



CM 5

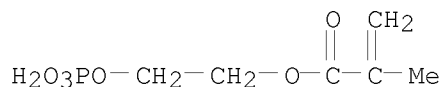
CRN 952137-11-0

CMF C6 H11 O6 P . 2 C4 H11 N O

CM 6

CRN 24599-21-1

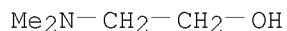
CMF C6 H11 O6 P



CM 7

CRN 108-01-0

CMF C4 H11 N O



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN

RN 949106-03-0 REGISTRY

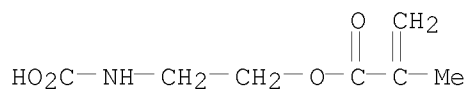
ED Entered STN: 03 Oct 2007

CN 2-Propenoic acid, 2-methyl-, 2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl ester, polymer with 1-ethenyl-2-pyrrolidinone and α -(2-methyl-1-oxo-2-propen-1-yl)- ω -(phosphonooxy)poly(oxy-1,2-ethanediyl), N-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]carbamate (ester), graft (CA INDEX NAME)

MF (C12 H22 O6 . C6 H9 N O . (C2 H4 O)n C4 H7 O5 P)x . x C7 H11 N O4
PCT Polyacrylic, Polyether, Polyvinyl
SR CA
LC STN Files: CA, CAPLUS

CM 1

CRN 96571-20-9
CMF C7 H11 N O4

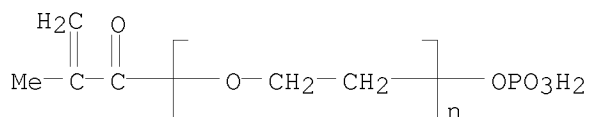


CM 2

CRN 949106-02-9
CMF (C12 H22 O6 . C6 H9 N O . (C2 H4 O)n C4 H7 O5 P)x
CCI PMS

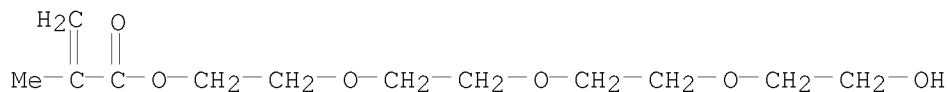
CM 3

CRN 35705-94-3
CMF (C2 H4 O)n C4 H7 O5 P
CCI PMS



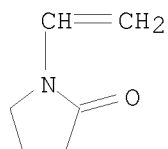
CM 4

CRN 21217-75-4
CMF C12 H22 O6



CM 5

CRN 88-12-0
CMF C6 H9 N O

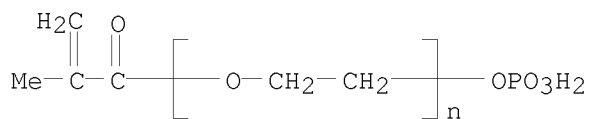


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 6 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 949105-94-6 REGISTRY
ED Entered STN: 03 Oct 2007
CN 2-Propenoic acid, sodium salt (1:1), polymer with ethenol and
 α -(2-methyl-1-oxo-2-propen-1-yl)- ω -(phosphonooxy)poly(oxy-1,2-
ethanediyl), graft (CA INDEX NAME)
MF (C3 H4 O2 . (C2 H4 O)n C4 H7 O5 P . C2 H4 O . Na)x
CI PMS, COM
PCT Polyacrylic, Polyether, Polyvinyl
SR CA

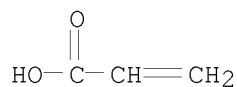
CM 1

CRN 35705-94-3
CMF (C2 H4 O)n C4 H7 O5 P
CCI PMS



CM 2

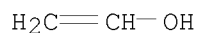
CRN 7446-81-3 (79-10-7)
CMF C3 H4 O2 . Na



● Na

CM 3

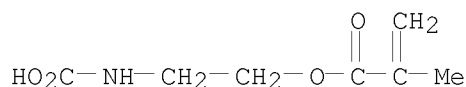
CRN 557-75-5
CMF C2 H4 O



L2 ANSWER 7 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 949105-43-5 REGISTRY
 ED Entered STN: 03 Oct 2007
 CN 2-Propenoic acid, 2-methyl-, 2-[2-[2-(2-hydroxyethoxy)ethoxy]ethoxy]ethyl ester, polymer with 2-methyl-2-[(1-oxo-2-propen-1-yl)amino]-1-propanesulfonic acid and α -(2-methyl-1-oxo-2-propen-1-yl)- ω -(phosphonoxy)poly(oxy-1,2-ethanediyl), N-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]carbamate (ester), graft (CA INDEX NAME)
 MF (C12 H22 O6 . C7 H13 N O4 S . (C2 H4 O)_n C4 H7 O5 P)_x . x C7 H11 N O4
 PCT Polyacrylic, Polyether
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 96571-20-9
 CMF C7 H11 N O4

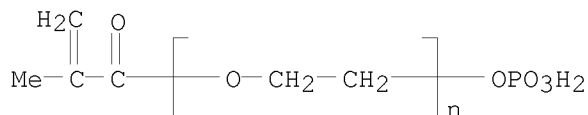


CM 2

CRN 949105-42-4
 CMF (C12 H22 O6 . C7 H13 N O4 S . (C2 H4 O)_n C4 H7 O5 P)_x
 CCI PMS

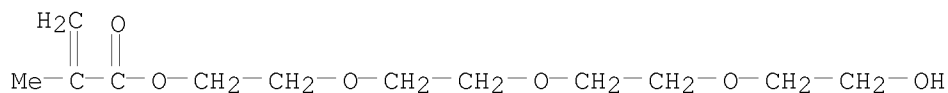
CM 3

CRN 35705-94-3
 CMF (C2 H4 O)_n C4 H7 O5 P
 CCI PMS



CM 4

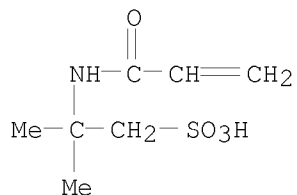
CRN 21217-75-4
 CMF C12 H22 O6



CM 5

CRN 15214-89-8

CMF C7 H13 N O4 S



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN

RN 947591-46-0 REGISTRY

ED Entered STN: 20 Sep 2007

CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with
N-(aminocarbonyl)-2-methyl-2-propenamides, butyl 2-propenoate, 2-ethylhexyl
2-propenoate, 2-methyl-2-propenoic acid and 2-(phosphonoxy)ethyl
2-methyl-2-propenoate (CA INDEX NAME)

MF (C11 H20 O2 . C7 H12 O2 . C6 H11 O6 P . C5 H8 N2 O2 . C5 H8 O2 . C4 H6
O2)x

CI PMS, COM

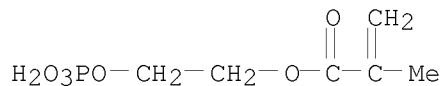
PCT Polyacrylic

SR CA

CM 1

CRN 24599-21-1

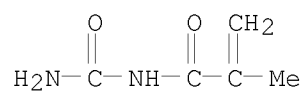
CMF C6 H11 O6 P



CM 2

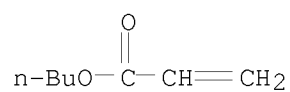
CRN 20602-83-9

CMF C5 H8 N2 O2



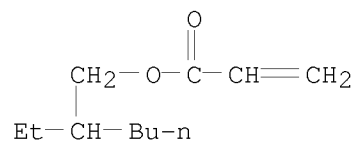
CM 3

CRN 141-32-2
CMF C7 H12 O2



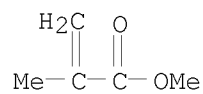
CM 4

CRN 103-11-7
CMF C11 H20 O2



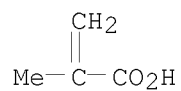
CM 5

CRN 80-62-6
CMF C5 H8 O2



CM 6

CRN 79-41-4
CMF C4 H6 O2



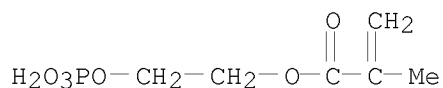
L2 ANSWER 9 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 946506-99-6 REGISTRY
 ED Entered STN: 10 Sep 2007
 CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with butyl 2-propenoate
 and 2-(phosphonooxy)ethyl 2-methyl-2-propenoate, ammonium salt (CA INDEX
 NAME)
 OTHER NAMES:
 CN Butyl acrylate-methyl methacrylate-2-phosphoethyl methacrylate copolymer
 ammonium salt
 MF (C7 H12 O2 . C6 H11 O6 P . C5 H8 O2)x . x H3 N
 PCT Polyacrylic
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 113655-02-0
 CMF (C7 H12 O2 . C6 H11 O6 P . C5 H8 O2)x
 CCI PMS

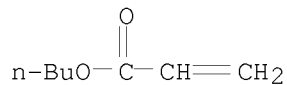
CM 2

CRN 24599-21-1
 CMF C6 H11 O6 P



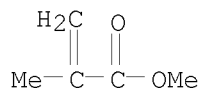
CM 3

CRN 141-32-2
 CMF C7 H12 O2



CM 4

CRN 80-62-6
 CMF C5 H8 O2

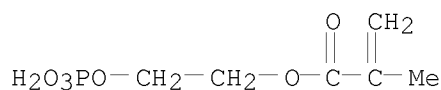


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 10 OF 50 REGISTRY COPYRIGHT 2008 ACS on STN
RN 946389-71-5 REGISTRY
ED Entered STN: 07 Sep 2007
CN 2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate,
2-hydroxyethyl 2-methyl-2-propenoate, oxirane, phenylmethyl
2-methyl-2-propenoate and 2-(phosphonoxy)ethyl 2-methyl-2-propenoate,
graft (CA INDEX NAME)
MF (C11 H12 O2 . C8 H14 O2 . C6 H11 O6 P . C6 H10 O3 . C4 H6 O2 . C2 H4 O)x
CI PMS, COM
PCT Polyacrylic, Polyether, Polyether formed
SR CA

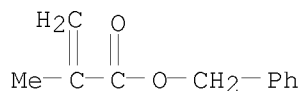
CM 1

CRN 24599-21-1
CMF C6 H11 O6 P



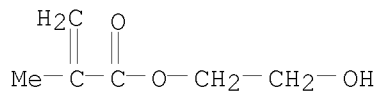
CM 2

CRN 2495-37-6
CMF C11 H12 O2



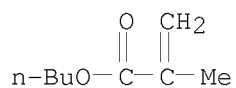
CM 3

CRN 868-77-9
CMF C6 H10 O3



CM 4

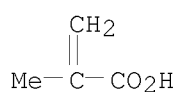
CRN 97-88-1
CMF C8 H14 O2



CM 5

CRN 79-41-4

CMF C4 H6 O2



CM 6

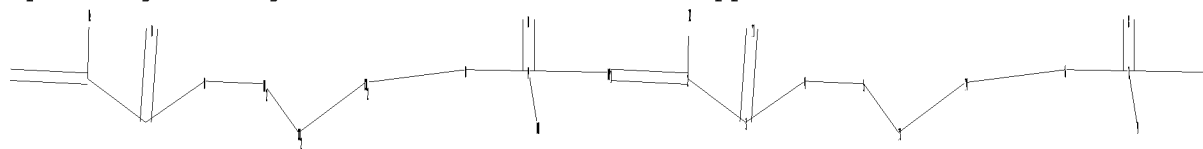
CRN 75-21-8

CMF C2 H4 O



=>

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chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14

chain bonds :

1-2 2-12 2-3 3-4 3-11 4-5 5-13 6-7 6-14 7-8 7-10 7-9 13-14

exact/norm bonds :

3-4 3-11 6-7

exact bonds :

1-2 2-12 2-3 4-5 5-13 6-14 13-14

normalized bonds :

7-8 7-10 7-9

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS

L6 STRUCTURE UPLOADED

=> s l6 fam sam

SAMPLE SEARCH INITIATED 12:41:41 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 39 TO ITERATE

100.0% PROCESSED 39 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 406 TO 1154

PROJECTED ANSWERS: 0 TO 0

L7 0 SEA FAM SAM L6

=> s l6 fam full

FULL SEARCH INITIATED 12:41:52 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 728 TO ITERATE

100.0% PROCESSED 728 ITERATIONS

28 ANSWERS

SEARCH TIME: 00.00.01

L8 28 SEA FAM FUL L6

=> d l8 1-5

L8 ANSWER 1 OF 28 REGISTRY COPYRIGHT 2008 ACS on STN

RN 613667-64-4 REGISTRY

ED Entered STN: 07 Nov 2003

CN 2-Propenoic acid, 2-methyl-, 1,2-ethanediyl ester, polymer with
2-hydroxyethyl 2-methyl-2-propenoate and 3-(phosphonoxy)propyl
2-methyl-2-propenoate (9CI) (CA INDEX NAME)

MF (C10 H14 O4 . C7 H13 O6 P . C6 H10 O3)x

CI PMS

PCT Polyacrylic

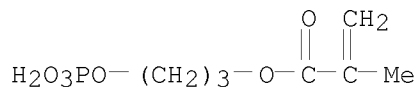
SR CA

LC STN Files: CA, CAPLUS

CM 1

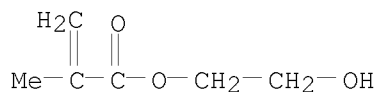
CRN 82427-01-8

CMF C7 H13 O6 P



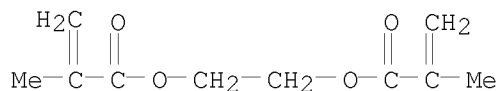
CM 2

CRN 868-77-9
CMF C6 H10 O3



CM 3

CRN 97-90-5
CMF C10 H14 O4

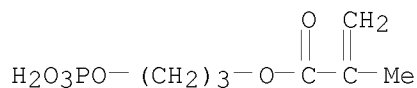


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 2 OF 28 REGISTRY COPYRIGHT 2008 ACS on STN
RN 452964-00-0 REGISTRY
ED Entered STN: 19 Sep 2002
CN 11,14-Dioxa-2,9-diazaheptadec-16-enoic acid, 4,4,6,16(or
4,6,6,16)-tetramethyl-10,15-dioxo-, 2-[(2-methyl-1-oxo-2-
propenyl)oxy]ethyl ester, polymer with 3-(phosphonooxy)propyl
2-methyl-2-propenoate (9CI) (CA INDEX NAME)
MF (C23 H38 N2 O8 . C7 H13 O6 P)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

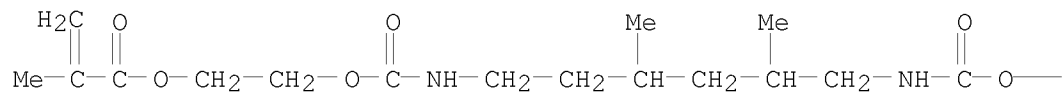
CRN 82427-01-8
CMF C7 H13 O6 P



CM 2

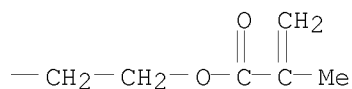
CRN 72869-86-4
CMF C23 H38 N2 O8
CCI IDS

PAGE 1-A



D1-Me

PAGE 1-B

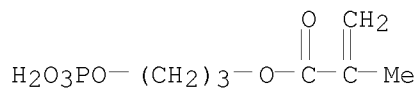


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 3 OF 28 REGISTRY COPYRIGHT 2008 ACS on STN
RN 444189-98-4 REGISTRY
ED Entered STN: 19 Aug 2002
CN 2-Propenoic acid, 2-methyl-, ethyl ester, polymer with ethyl 2-propenoate,
2-hydroxyethyl 2-methyl-2-propenoate and 3-(phosphonoxy)propyl
2-methyl-2-propenoate (9CI) (CA INDEX NAME)
MF (C7 H13 O6 P . C6 H10 O3 . C6 H10 O2 . C5 H8 O2)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS

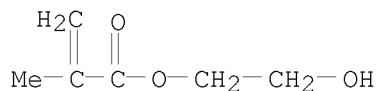
CM 1

CRN 82427-01-8
CMF C7 H13 O6 P



CM 2

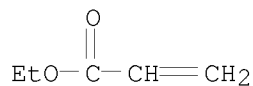
CRN 868-77-9
CMF C6 H10 O3



CM 3

CRN 140-88-5

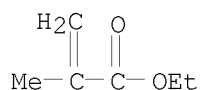
CMF C5 H8 O2



CM 4

CRN 97-63-2

CMF C6 H10 O2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 28 REGISTRY COPYRIGHT 2008 ACS on STN

RN 212055-81-7 REGISTRY

ED Entered STN: 01 Oct 1998

CN 11,14-Dioxa-2,9-diazaheptadec-16-enoic acid, 4,4,6,16(or 4,6,6,16)-tetramethyl-10,15-dioxo-, 2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl ester, polymer with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide and 3-(phosphonooxy)propyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 2,4,11,13-Tetraazatetradecanediimidamide, N,N''-bis(4-chlorophenyl)-3,12-diimino-, polymer with 3-(phosphonooxy)propyl 2-methyl-2-propenoate and 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bis(2-methyl-2-propenoate) (9CI)

CN 2-Propenoic acid, 2-methyl-, 3-(phosphonooxy)propyl ester, polymer with N,N''-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-tetraazatetradecanediimidamide and 7,7,9(or 7,9,9)-trimethyl-4,13-dioxo-3,14-dioxa-5,12-diazahexadecane-1,16-diyl bis(2-methyl-2-propenoate) (9CI)

MF (C23 H38 N2 O8 . C22 H30 Cl2 N10 . C7 H13 O6 P)x

CI PMS

PCT Polyacrylic, Polyether

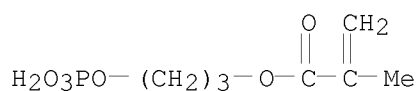
SR CA

LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 82427-01-8

CMF C7 H13 O6 P



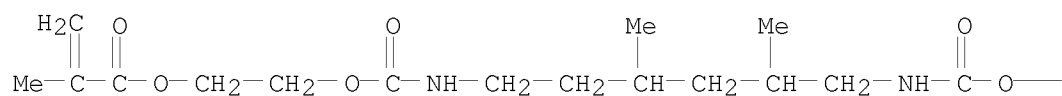
CM 2

CRN 72869-86-4

CMF C23 H38 N2 O8

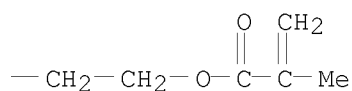
CCI IDS

PAGE 1-A



D1-Me

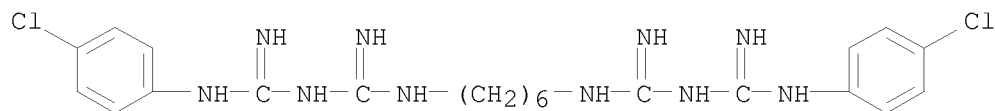
PAGE 1-B



CM 3

CRN 55-56-1

CMF C22 H30 Cl2 N10



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 28 REGISTRY COPYRIGHT 2008 ACS on STN

RN 149234-77-5 REGISTRY

ED Entered STN: 11 Aug 1993

CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with methyl
2-propenoate and 3-(phosphonooxy)propyl 2-methyl-2-propenoate, block (9CI)
(CA INDEX NAME)

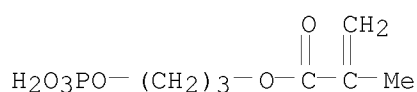
OTHER CA INDEX NAMES:

CN 2-Propenoic acid, 2-methyl-, 3-(phosphonooxy)propyl ester, polymer with

methvl 2-methyl-2-propenoate and methyl 2-propenoate, block (9CI)
 CN 2-Propenoic acid, methyl ester, polymer with methyl 2-methyl-2-propenoate
 and 3-(phosphonooxy)propyl 2-methyl-2-propenoate, block (9CI)
 MF (C7 H13 O6 P . C5 H8 O2 . C4 H6 O2)x
 CI PMS
 PCT Polyacrylic
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

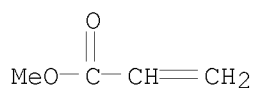
CM 1

CRN 82427-01-8
 CMF C7 H13 O6 P



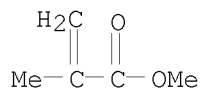
CM 2

CRN 96-33-3
 CMF C4 H6 O2



CM 3

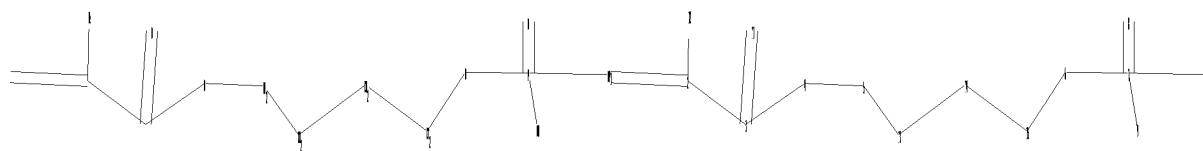
CRN 80-62-6
 CMF C5 H8 O2



3 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

Uploading C:\Program Files\STNEXP\Queries\mobp.str



```

chain nodes :
1  2  3  4  5  6  7  8  9 10 11 12 13 14 15
chain bonds :
1-2  2-12  2-3  3-4  3-11  4-5  5-13  6-7  6-15  7-8  7-10  7-9 13-14 14-15
exact/norm bonds :
3-4  3-11  6-7
exact bonds :
1-2  2-12  2-3  4-5  5-13  6-15 13-14 14-15
normalized bonds :
7-8  7-10  7-9

```

```

Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS
10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

```

L9 STRUCTURE UPLOADED

```

=> s 19 fam sam
SAMPLE SEARCH INITIATED 12:43:31 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 12 TO ITERATE

```

```

100.0% PROCESSED      12 ITERATIONS      0 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   33 TO      447
PROJECTED ANSWERS:      0 TO      0

```

L10 0 SEA FAM SAM L9

```

=> s 19 fam full
FULL SEARCH INITIATED 12:43:37 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 349 TO ITERATE

```

```

100.0% PROCESSED      349 ITERATIONS      10 ANSWERS
SEARCH TIME: 00.00.01

```

L11 10 SEA FAM FUL L9

=> d 1

```

L11 ANSWER 1 OF 10  REGISTRY  COPYRIGHT 2008 ACS on STN
RN  870774-64-4  REGISTRY
ED  Entered STN:  29 Dec 2005
CN  Poly(oxy-1,4-butanediyl),  $\alpha$ -(2-methyl-1-oxo-2-propenyl)- $\omega$ -
    (phosphonooxy)-, polymer with ethenylbenzene, Macromonomer AS 6S and

```

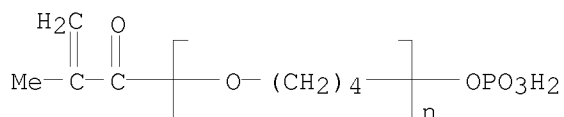
α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)], graft, sodium salt (9CI) (CA INDEX NAME)
 MF (C8 H8 . (C4 H8 O)n C4 H7 O5 P . (C3 H6 O)n C4 H6 O2 . Unspecified)x . x Na
 PCT Manual component, Manual registration, Polyacrylic, Polyether, Polyother, Polystyrene
 SR CA
 LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 870774-59-7
 CMF (C8 H8 . (C4 H8 O)n C4 H7 O5 P . (C3 H6 O)n C4 H6 O2 . Unspecified)x
 CCI PMS

CM 2

CRN 870774-57-5
 CMF (C4 H8 O)n C4 H7 O5 P
 CCI PMS



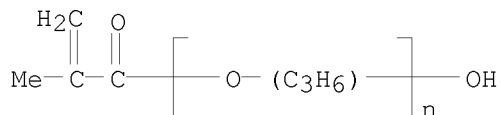
CM 3

CRN 262418-17-7
 CMF Unspecified
 CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

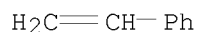
CM 4

CRN 39420-45-6
 CMF (C3 H6 O)n C4 H6 O2
 CCI IDS, PMS



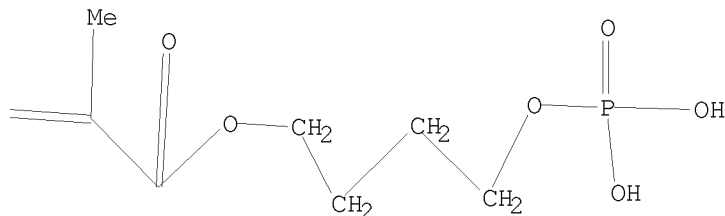
CM 5

CRN 100-42-5
 CMF C8 H8



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 19
L9 HAS NO ANSWERS
L9 STR



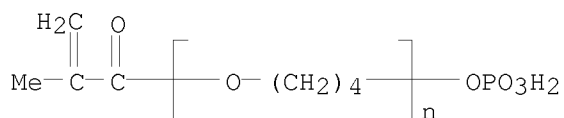
Structure attributes must be viewed using STN Express query preparation.

=> d 111 2-5

L11 ANSWER 2 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 870774-59-7 REGISTRY
ED Entered STN: 29 Dec 2005
CN Poly(oxy-1,4-butanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -(phosphonooxy)-, polymer with ethenylbenzene, Macromonomer AS 6S and α -(2-methyl-1-oxo-2-propenyl)- ω -hydroxypoly[oxy(methyl-1,2-ethanediyl)], graft (9CI) (CA INDEX NAME)
OTHER NAMES:
CN Macromonomer AS 6S-polypropylene glycol monomethacrylate-poly(tetramethylene glycol) monomethacrylate monophosphate-styrene graft copolymer
MF (C8 H8 . (C4 H8 O)_n C4 H7 O5 P . (C3 H6 O)_n C4 H6 O2 . Unspecified)x
CI PMS, COM
PCT Manual component, Polyacrylic, Polyether, Polyother, Polystyrene
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

CM 1

CRN 870774-57-5
CMF (C4 H8 O)_n C4 H7 O5 P
CCI PMS



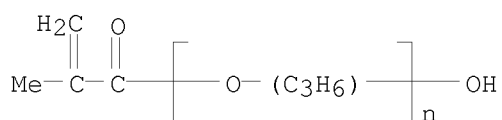
CM 2

CRN 262418-17-7
CMF Unspecified
CCI PMS, MAN

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

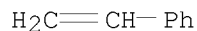
CM 3

CRN 39420-45-6
CMF (C3 H6 O)_n C4 H6 O2
CCI IDS, PMS



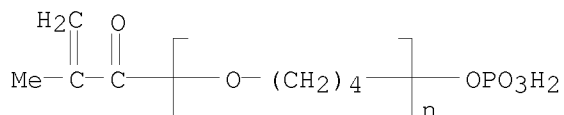
CM 4

CRN 100-42-5
CMF C8 H8



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L11 ANSWER 3 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 870774-57-5 REGISTRY
ED Entered STN: 29 Dec 2005
CN Poly(oxy-1,4-butanediyl), α -(2-methyl-1-oxo-2-propenyl)- ω -(phosphonooxy)- (9CI) (CA INDEX NAME)
MF (C4 H8 O)_n C4 H7 O5 P
CI PMS, COM
PCT Polyether
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



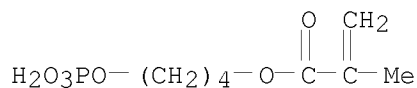
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L11 ANSWER 4 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 305828-36-8 REGISTRY
 ED Entered STN: 01 Dec 2000
 CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with diethenylbenzene, ethenylbenzene, 2-methyl-2-propenoyl isocyanate, 2-methylpropyl 2-methyl-2-propenoate, oxiranylmethyl 2-methyl-2-propenoate and 4-(phosphonooxy)butyl 2-methyl-2-propenoate, graft (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 2-Propenoic acid, 2-methyl-, 2-methylpropyl ester, polymer with diethenylbenzene, ethenylbenzene, methyl 2-methyl-2-propenoate, 2-methyl-2-propenoyl isocyanate, oxiranylmethyl 2-methyl-2-propenoate and 4-(phosphonooxy)butyl 2-methyl-2-propenoate, graft (9CI)
 CN 2-Propenoic acid, 2-methyl-, 4-(phosphonooxy)butyl ester, polymer with diethenylbenzene, ethenylbenzene, methyl 2-methyl-2-propenoate, 2-methyl-2-propenoyl isocyanate, 2-methylpropyl 2-methyl-2-propenoate and oxiranylmethyl 2-methyl-2-propenoate, graft (9CI)
 CN 2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymer with diethenylbenzene, ethenylbenzene, methyl 2-methyl-2-propenoate, 2-methyl-2-propenoyl isocyanate, 2-methylpropyl 2-methyl-2-propenoate and 4-(phosphonooxy)butyl 2-methyl-2-propenoate, graft (9CI)
 CN 2-Propenoyl isocyanate, 2-methyl-, polymer with diethenylbenzene, ethenylbenzene, methyl 2-methyl-2-propenoate, 2-methylpropyl 2-methyl-2-propenoate, oxiranylmethyl 2-methyl-2-propenoate and 4-(phosphonooxy)butyl 2-methyl-2-propenoate, graft (9CI)
 CN Benzene, diethenyl-, polymer with ethenylbenzene, methyl 2-methyl-2-propenoate, 2-methyl-2-propenoyl isocyanate, 2-methylpropyl 2-methyl-2-propenoate, oxiranylmethyl 2-methyl-2-propenoate and 4-(phosphonooxy)butyl 2-methyl-2-propenoate, graft (9CI)
 CN Benzene, ethenyl-, polymer with diethenylbenzene, methyl 2-methyl-2-propenoate, 2-methyl-2-propenoyl isocyanate, 2-methylpropyl 2-methyl-2-propenoate, oxiranylmethyl 2-methyl-2-propenoate and 4-(phosphonooxy)butyl 2-methyl-2-propenoate, graft (9CI)
 MF (C10 H10 . C8 H15 O6 P . C8 H14 O2 . C8 H8 . C7 H10 O3 . C5 H8 O2 . C5 H5 N O2)x
 CI PMS
 PCT Polyacrylic, Polystyrene
 SR CA
 LC STN Files: CA, CAPLUS

CM 1

CRN 40074-59-7

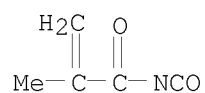
CMF C8 H15 O6 P



CM 2

CRN 4474-60-6

CMF C5 H5 N O2

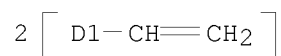


CM 3

CRN 1321-74-0

CMF C10 H10

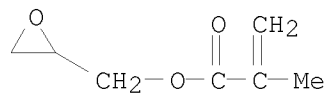
CCI IDS



CM 4

CRN 106-91-2

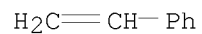
CMF C7 H10 O3



CM 5

CRN 100-42-5

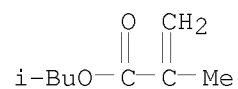
CMF C8 H8



CM 6

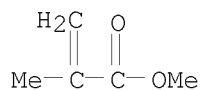
CRN 97-86-9

CMF C8 H14 O2



CM 7

CRN 80-62-6
CMF C5 H8 O2

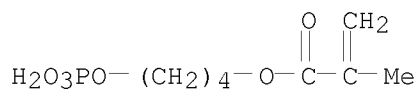


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L11 ANSWER 5 OF 10 REGISTRY COPYRIGHT 2008 ACS on STN
RN 212055-79-3 REGISTRY
ED Entered STN: 01 Oct 1998
CN 2-Propenoic acid, 2-methyl-, 1,4-butanediyl ester, polymer with
4-(phosphonooxy)butyl 2-methyl-2-propenoate (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 2-Propenoic acid, 2-methyl-, 4-(phosphonooxy)butyl ester, polymer with
1,4-butanediyl bis(2-methyl-2-propenoate) (9CI)
MF (C12 H18 O4 . C8 H15 O6 P)x
CI PMS
PCT Polyacrylic
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

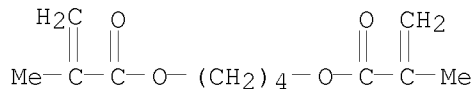
CM 1

CRN 40074-59-7
CMF C8 H15 O6 P



CM 2

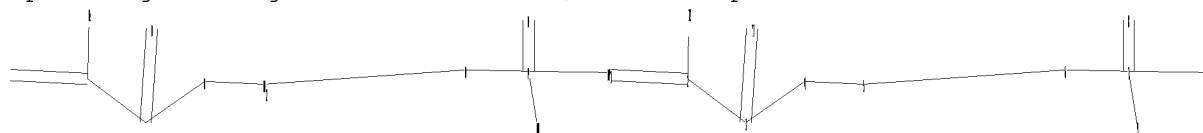
CRN 2082-81-7
CMF C12 H18 O4



3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

Uploading C:\Program Files\STNEXP\Queries\momp.str



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12

chain bonds :

1-2 2-12 2-3 3-4 3-11 4-5 5-6 6-7 7-8 7-10 7-9

exact/norm bonds :

3-4 3-11 6-7

exact bonds :

1-2 2-12 2-3 4-5 5-6

normalized bonds :

7-8 7-10 7-9

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS

10:CLASS 11:CLASS 12:CLASS

L12 STRUCTURE UPLOADED

=> s l12 fam sam

SAMPLE SEARCH INITIATED 12:46:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 51 TO ITERATE

100.0% PROCESSED 51 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 592 TO 1448

PROJECTED ANSWERS: 0 TO 0

L13 0 SEA FAM SAM L12

=> s l12 fam full

FULL SEARCH INITIATED 12:46:10 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 973 TO ITERATE

100.0% PROCESSED 973 ITERATIONS

4 ANSWERS

SEARCH TIME: 00.00.01

L14 4 SEA FAM FUL L12

=> d 1

L14 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2008 ACS on STN

RN 388570-61-4 REGISTRY

ED Entered STN: 31 Jan 2002
 CN 2-Propenoic acid, 2-methyl-, oxiranylmethyl ester, polymer with butyl
 2-propenoate, ethenylbenzene, (phosphonooxy)methyl 2-methyl-2-propenoate
 and 2-propenoic acid (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Acrylic acid-butyl acrylate-glycidyl methacrylate-mono-hydroxymethyl
 methacrylate phosphate-styrene copolymer

MF (C8 H8 . C7 H12 O2 . C7 H10 O3 . C5 H9 O6 P . C3 H4 O2)x

CI PMS

PCT Polyacrylic, Polystyrene

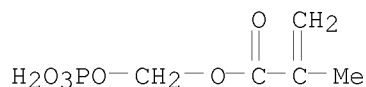
SR CA

LC STN Files: CA, CAPLUS

CM 1

CRN 73310-45-9

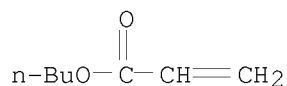
CMF C5 H9 O6 P



CM 2

CRN 141-32-2

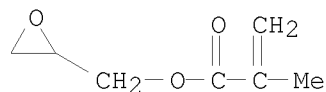
CMF C7 H12 O2



CM 3

CRN 106-91-2

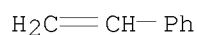
CMF C7 H10 O3



CM 4

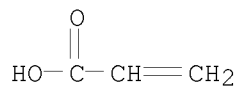
CRN 100-42-5

CMF C8 H8



CM 5

CRN 79-10-7
CMF C3 H4 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e acrylamideamide/cn

E1	1	ACRYLAMIDE-ZINC ACRYLATE COPOLYMER/CN
E2	1	ACRYLAMIDE-ZIRCONIUM TETRACHLORIDE POLYMER/CN
E3	0 -->	ACRYLAMIDEAMIDE/CN
E4	1	ACRYLAMIDINE/CN
E5	1	ACRYLAMIDINE, 2,3,3-TRICYANO-N,N-DIMETHYL-N'-(TRIMETHYLSTANNYL)-/CN
E6	1	ACRYLAMIDINE, 2-(P-METHOXYPHENYL)-N,N,N'-TRIMETHYL-3-PHENYL-, (? ,E)-/CN
E7	1	ACRYLAMIDINE, 2-(P-METHOXYPHENYL)-N,N,N'-TRIMETHYL-3-PHENYL-, (? ,Z)-/CN
E8	1	ACRYLAMIDINE, 3-P-CHLOROANILINO-2,3-DICYANO-N,N-DIMETHYL-/CN
E9	1	ACRYLAMIDINE, HYDROCHLORIDE/CN
E10	1	ACRYLAMIDINE, N'-BUTYL-2-(P-METHOXYPHENYL)-N,N-DIMETHYL-3-PHENYL-, (? ,E)-/CN
E11	1	ACRYLAMIDINE, N'-BUTYL-2-(P-METHOXYPHENYL)-N,N-DIMETHYL-3-PHENYL-, (? ,Z)-/CN
E12	1	ACRYLAMIDINE, N'-BUTYL-N,N-DIMETHYL-2,3-DIPHENYL-/CN

=> e acrylamide/cn

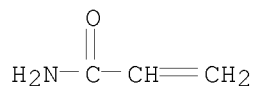
E1	1	ACRYLAMAC WR 232-3312/CN
E2	1	ACRYLAMIDASE/CN
E3	1 -->	ACRYLAMIDE/CN
E4	1	ACRYLAMIDE 2-ACRYLOYLOXYETHYLTRIETHYLAMMONIUM BROMIDE COPOLYMER/CN
E5	1	ACRYLAMIDE BARIUM SALT POLYMER/CN
E6	1	ACRYLAMIDE CONJUGATE ACID/CN
E7	1	ACRYLAMIDE COPOLYMER WITH CELLULOSE/CN
E8	1	ACRYLAMIDE COPOLYMER WITH N-VINYLMIDAZOLE DIMETHYL SULFATE/CN
E9	1	ACRYLAMIDE DIMER/CN
E10	1	ACRYLAMIDE DIMETHYLAMINOETHYL METHACRYLATE METHYL CHLORIDE QUATERNIZED SALT POLYMER/CN
E11	1	ACRYLAMIDE DIMETHYLHYDRAZONE/CN
E12	1	ACRYLAMIDE ETHYLENE DIACRYLATE POLYMER/CN

=> s e3

L15 1 ACRYLAMIDE/CN

=> d

L15 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
 RN 79-06-1 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN 2-Propenamide (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Acrylamide (8CI)
 OTHER NAMES:
 CN Acrylic amide
 CN Bio-Acrylamide 50
 CN Ethylenecarboxamide
 CN NSC 7785
 CN Propenamide
 CN Vinyl amide
 MF C3 H5 N O
 CI COM
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT, ENCOMPPAT2, GMELIN*, HSDB*, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, SPECINFO, SYNTHLINE, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL
 (*File contains numerically searchable property data)
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

14502 REFERENCES IN FILE CA (1907 TO DATE)
 3642 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 14557 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 12 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e methacrylamide/cn
 E1 1 METHACRYLALDEHYDE-STYRENE POLYMER/CN
 E2 1 METHACRYLALDEHYDE-VINYLDIENE CYANIDE COPOLYMER/CN
 E3 1 --> METHACRYLAMIDE/CN
 E4 1 METHACRYLAMIDE HOMOPOLYMER/CN
 E5 1 METHACRYLAMIDE HYDROCHLORIDE/CN
 E6 1 METHACRYLAMIDE POLYMER/CN
 E7 1 METHACRYLAMIDE RADICAL ION(1-)/CN
 E8 2 METHACRYLAMIDE SULFATE/CN
 E9 1 METHACRYLAMIDE, MONOPOTASSIUM SALT/CN
 E10 1 METHACRYLAMIDE, N,N',N'-(S-TRIAZINE-2,4,6-TRIYLTRIIMINO)TRI S-/CN
 E11 1 METHACRYLAMIDE, N,N'-(M-PHENYLENEDIMETHYLENE)BIS-/CN
 E12 1 METHACRYLAMIDE, N,N'-(P-PHENYLENEDIMETHYLENE)BIS-/CN
 => s e3
 L16 1 METHACRYLAMIDE/CN

=> d

L16 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN
RN 79-39-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 2-Propenamide, 2-methyl- (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Methacrylamide (8CI)
OTHER NAMES:
CN 2-Methyl-2-propenamide
CN 2-Methylacrylamide
CN 2-Methylpropenamide
CN Methacrylic acid amide
CN Methacrylic amide
CN NSC 23772
CN NSC 24147
MF C4 H7 N O
CI COM
LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOSIS, BIOTECHNO, CA,
CAOLD, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN,
CSCHEM, CSNB, DETHERM*, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPPAT,
ENCOMPPAT2, GMELIN*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, PIRA,
PROMT, RTECS*, SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL, USPATOLD
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

